

Genotyping protocol for Arap1-tg

Please find attached the protocol I used for DNA extraction of ear or tail samples.

Here are the specific primers to detect Arap1-tg transgene (they don't recognise the endogenous Arap1-tg), that can be used for PCR or qPCR:

(I used 1uL of DNA extracted according the hotshot method provided in 20uL PCR or I diluted the DNA 1/5 for use in qPCR):

Arap1-tg_F: TGCTTCTCAGACACGAACCA

Arap1-tg_R: CTTCTCATCCCACTAAACACC

I used primers detecting genomic CxCl12 as positive control (but any gene could do):

CXCL12-M-F: CCCTGCCGGTTCTTCGA

CXCL12-M-R: CAGCCGTGCAACAATCTGAA

Best wishes,

Gaëlle